IN THE CLAIMS

Amendments To The Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An analyzing method comprising:

a first detection step for irradiating light onto a reaction system to detect a response from the reaction system as a first detection result, the reaction system including a sample liquid and a reagent;

a second detection step for irradiating light onto a ~~the~~ reference board to detect a response from the reference board as a second detection result; and

a calculation step for calculating a concentration of a specific component in the sample liquid based on a predetermined relationship between variations of response and variations of wavelength with respect to ~~a~~ the reference board whose response varies continuously as the wavelength of light irradiated onto the reference board varies, and the first and second detection results, the variations of the wavelength of irradiated light being caused by environmental temperature changes that also cause fluctuations of response.

2. (Original) The analyzing method according to claim 1, wherein the calculation step includes selecting a most suitable calibration curve from a plurality of pre-created calibration curves based on the second detection result, and calculating the concentration of the specific component based on the selected calibration curve and the first detection result.

3. (Previously Presented) The analyzing method according to claim 1, wherein the calculation step further includes correcting the first detection result based on the second

detection result, and calculating the concentration of the specific component based on the correction and a calibration curve.

4. (Original) The analyzing method according to claim 1, wherein the calculation step further includes performing primary calculation of the concentration of the specific component, and obtaining a final calculated value by correcting the primary calculated value.

5. (Original) The analyzing method according to claim 1, wherein at least one of the responses in the first and second detection steps is detected as an amount of regular reflection light, transmitting light, or scattering reflection light.

6. (Currently Amended) An analyzing device comprising:

a storage for storing a relationship between variations of response and variations of wavelength with respect to a reference board whose response varies continuously as the wavelength of light irradiated onto the reference board varies, the variations of the wavelength of irradiated light being caused by environmental temperature changes that also cause fluctuations of response;

a light irradiator for irradiating light toward a reaction system and ~~a~~ the reference board, the reaction system including a sample liquid and a reagent;

a detecting unit arranged to face the reaction system and the reference board for detecting a first response from the reaction system under light irradiation from the light irradiator, the detecting unit detecting a second response from the reference board under light irradiation from the light irradiator; and

a calculator connected to the detecting unit and the storage for calculating a concentration of a specific component in the sample liquid based on said relationship and the first and second responses.

7. (Previously Presented) The analyzing device according to claim 6:

wherein the storage also stores a plurality of calibration curves each representing relationship between a first detection result corresponding to the first response and the concentration of the specific component;

the analyzing device further comprising a selector connected to the calculator and the storage for selecting a most suitable calibration curve for calculation from the plurality of calibration curves based on a second detection result corresponding to the second response;

the calculator calculating the concentration of the specific component based on the calibration curve selected by the selector and the first detection result.

8. (Original) The analyzing device according to claim 6, wherein the calculator corrects the first detection result corresponding to the first response based on the second detection result corresponding to the second response, and then calculates the concentration of the specific component based on the correction.

9. (Original) The analyzing device according to claim 6, wherein the calculator performs primary calculation of the concentration of the specific component based on the first detection result, and then calculates a final value by correcting the primary calculated value.

10. (Previously Presented) The analyzing device according to claim 6, further comprising a controller connected to the detecting unit and the calculator for controlling timing for detection of the second response at the detector.

11. (Original) The analyzing device according to claim 10, wherein the controller controls the detector for detecting the second response before or after the detection of the first response, or simultaneously with the detection of the first response.

12. (Original) The analyzing device according to claim 10, wherein the controller controls the detector for detecting the second response upon start-up of the analyzing device.

13. (Original) The analyzing device according to claim 6, wherein at least one of the first and second responses is detected as an amount of regular reflection light, transmitting light, or scattering reflection light.

Claims 14-18. (Cancelled)